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With international search report.

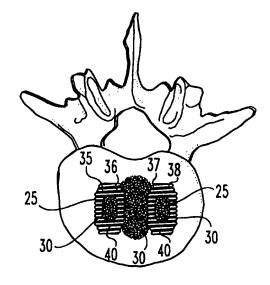
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

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(54) Title: SPINAL SPACER

(57) Abstract

Spinal spacers (20) are provided for fusion of a motion segment. The spacers include a load bearing member (21) having a wall (22) sized for engagement within a space between adjacent vertebrae to maintain the space and an effective amount of an osteogenic composition (30) to stimulate osteoinduction. The osteogenic composition includes a substantially pure osteogenic factor in a pharmaceutically acceptable carrier. In one embodiment the load bearing member includes a bone graft impregnated in an osteogenic composition. In another embodiment, the osteogenic composition (30) is packed within a chamber (25) defined in the graft. Any suitable configuration of a bone graft is contemplated, including bone dowels, D-shaped spacers and cortical rings.



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INTERNATIONAL SEARCH REPORT

Internal. .al Application No PCT/US 97/19108

A. CLASSI IPC 6	FICATION OF SUBJECT MATTER A61F2/44 A61F2/28		
According to	o International Patent Classification (IPC) or to both national classific	ation and IPC	
	SEARCHED		
Minimum do IPC 6	ocumentation searched (classification system followed by classificat A61F A61L	ion symbols)	
Documentat	tion searched other than minimum documentation to the extent that (such documents are included in the fields sea	urched
Electronic d	ata base consulted during the international search (name of data bu	ase and, where practical, search terms used)	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
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X Furt	L	Patent family members are listed in	n annex.
"A" docume	stegories of cited documents : ent defining the general state of the art which is not sered to be of particular relevance	" I later document published after the interest or priority date and not in conflict with cited to understand the principle or the invention	the application but
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other i	ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but han the priority date claimed	document is combined with one or mo ments, such combination being obvior in the art. *a" document member of the same patent	us to a person skilled
	actual completion of the international search	Date of mailing of the international sea	
2	3 July 1998	0 4.08.98	
Name and I	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk	Authorized officer	
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INTERNATIONAL SEARCH REPORT

Interna Load Application No
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International Application No. PCT/US 97/19108

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-16, 18-55, 69-71

Spinal spacer including bone graft impregnated with an osteogenic composition $% \left(1\right) =\left(1\right) \left(1\right) \left($

2. Claims: 56-68, 72

Spinal spacer with four walls

International application No. PCT/US 97/19108

INTERNATIONAL SEARCH REPORT

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 17 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Art. 6, PCT: Claim 17 is not clear as the spacer has an anterior, a posterior and two lateral walls, each with opposite ends, in contradiction to being cylindrical as in claim 8, upon which claim 17 is dependent.
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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